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Last Modified: 11/22/2004 10:41:11

Ridley, Basia

From: PLUS
Sent: Monday, November 22, 2004 2:24 PM
To: Ridley, Basia
Subject: PLUS Results for 09816694

Here are the PLUS search results for 09816694.

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09816694_QUAL.txt



09816694_LIST.txt



09816694_WEST.txt



09816694_EAST.txt



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09816694_CLS.txt



09816694_CLSTITLES.txt



09816694_WDS.txt

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PLUS Search Results for S/N 09816694, Searched November 22, 2004

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6296686 6429167 6455008 6537465 6576217 6749829 6753107 5900329
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5725366 4833171 6126438 5472986 5480738 5565089 5925328 6066307
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09816694_CLS.txt
Most Frequently Occurring Classifications of Patents Returned From
Search of 09816694 on November 22, 2004

Original Classifications

4 429/17
4 518/704
3 252/373
2 48/127.7
2 423/418.2
2 423/651
2 429/26
2 518/703

Cross-Reference Classifications

11 252/373
5 423/652
4 252/376
4 423/650
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3 48/61
3 422/188
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3 423/651
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2 48/198.1
2 48/202
2 62/56
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2 518/713
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Combined Classifications

14 252/373
7 518/704
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2 518/713
2 518/714

Titles of Most Frequently Occurring Classifications of Patents
Returned From A Search of 09816694 on November 22, 2004

14 252/373 (3 OR, 11 XR)

Class 252: COMPOSITIONS
252/372 GASEOUS COMPOSITIONS
252/373 .Carbon-oxide and hydrogen containing

7 518/704 (4 OR, 3 XR)

Class 518: CHEMISTRY: FISCHER-TROPSCH PROCESSES; OR
PURIFICATION OR RECOVERY OF PRODUCTS THEREOF
518/702 WITH PRELIMINARY REACTION TO FORM HYDROGEN
OR A CARBON OXIDE
518/704 .Water utilized in the preliminary reaction

6 429/26 (2 OR, 4 XR)

Class 429: CHEMISTRY: ELECTRICAL CURRENT PRODUCING
APPARATUS, PRODUCT, AND PROCESS
429/12 FUEL CELL, SUBCOMBINATION THEREOF OR METHODS
OF OPERATING
429/26 .Having heat exchange means

5 252/376 (1 OR, 4 XR)

Class 252: COMPOSITIONS
252/372 GASEOUS COMPOSITIONS
252/374 .Nitrogen and hydrogen containing
252/375 ..Nitrogen from air or elementary nitrogen
only and hydrogen from compounds
252/376 ...Hydrogen from hydrocarbons

5 423/650 (1 OR, 4 XR)

Class 423: CHEMISTRY OF INORGANIC COMPOUNDS
423/644 HYDROGEN OR COMPOUND THEREOF
423/648.1 .Elemental hydrogen
423/650 ..By decomposing hydrocarbon

5 423/651 (2 OR, 3 XR)

Class 423: CHEMISTRY OF INORGANIC COMPOUNDS
423/644 HYDROGEN OR COMPOUND THEREOF
423/648.1 .Elemental hydrogen
423/650 ..By decomposing hydrocarbon
423/651 ...Catalytic reaction

- 5 423/652 (0 OR, 5 XR)
 Class 423: CHEMISTRY OF INORGANIC COMPOUNDS
 423/644 HYDROGEN OR COMPOUND THEREOF
 423/648.1 .Elemental hydrogen
 423/650 ..By decomposing hydrocarbon
 423/651 ...Catalytic reaction
 423/652Including decomposing water
- 5 429/17 (4 OR, 1 XR)
 Class 429: CHEMISTRY: ELECTRICAL CURRENT PRODUCING
 APPARATUS, PRODUCT, AND PROCESS
 429/12 FUEL CELL, SUBCOMBINATION THEREOF OR METHODS
 OF OPERATING
 429/13 .Process of operating
 429/17 ..Generating, regenerating or recycling
 reactant
- 4 48/61 (1 OR, 3 XR)
 Class 048: GAS: HEATING AND ILLUMINATING
 48/61 GENERATORS
- 4 423/648.1 (1 OR, 3 XR)
 Class 423: CHEMISTRY OF INORGANIC COMPOUNDS
 423/644 HYDROGEN OR COMPOUND THEREOF
 423/648.1 .Elemental hydrogen
- 4 518/703 (2 OR, 2 XR)
 Class 518: CHEMISTRY: FISCHER-TROPSCH PROCESSES; OR
 PURIFICATION OR RECOVERY OF PRODUCTS THEREOF
 518/702 WITH PRELIMINARY REACTION TO FORM HYDROGEN
 OR A CARBON OXIDE
 518/703 .Gaseous oxygen utilized in the preliminary
 reaction
- 3 422/188 (0 OR, 3 XR)
 Class 422: CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/129 CHEMICAL REACTOR
 422/188 .Including plural reaction stages

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- 3 423/418.2 (2 OR, 1 XR)
Class 423: CHEMISTRY OF INORGANIC COMPOUNDS
423/414 CARBON OR COMPOUND THEREOF
423/415.1 .Oxygen containing
423/418.2 ..Carbon monoxide
- 3 429/20 (0 OR, 3 XR)
Class 429: CHEMISTRY: ELECTRICAL CURRENT PRODUCING
APPARATUS, PRODUCT, AND PROCESS
429/12 FUEL CELL, SUBCOMBINATION THEREOF OR METHODS
OF OPERATING
429/19 .Having means for active material generation
or regeneration
429/20 ..By heating or cooling
- 3 518/705 (1 OR, 2 XR)
Class 518: CHEMISTRY: FISCHER-TROPSCH PROCESSES; OR
PURIFICATION OR RECOVERY OF PRODUCTS THEREOF
518/705 TREATMENT OF FEED OR RECYCLE STREAM
- 2 48/127.7 (2 OR, 0 XR)
Class 048: GAS: HEATING AND ILLUMINATING
48/127.3 METHANE (NATURAL GAS) -CONTAINING PRODUCT,
OR TREATMENT OR RECOVERY PROCESS
48/127.5 .Process including chemical reaction
48/127.7 ..Catalytic
- 2 48/127.9 (1 OR, 1 XR)
Class 048: GAS: HEATING AND ILLUMINATING
48/127.9 APPARATUS FOR CONVERTING OR TREATING
HYDROCARBON GAS
- 2 48/197R (0 OR, 2 XR)
Class 048: GAS: HEATING AND ILLUMINATING
48/197R PROCESSES
- 2 48/198.1 (0 OR, 2 XR)
Class 048: GAS: HEATING AND ILLUMINATING
48/197R PROCESSES
48/198.1 .Manufacture from methane (natural gas)

- 2 48/202 (0 OR, 2 XR)
Class 048: GAS: HEATING AND ILLUMINATING
48/197R PROCESSES
48/202 .Coal and water
- 2 62/56 (0 OR, 2 XR)
Class 062: REFRIGERATION
62/56 PROCESSES
- 2 422/189 (1 OR, 1 XR)
Class 422: CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/129 CHEMICAL REACTOR
422/188 .Including plural reaction stages
422/189 ..And means providing discrete sequential
reaction stages; e.g., train, etc.
- 2 422/194 (0 OR, 2 XR)
Class 422: CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/129 CHEMICAL REACTOR
422/188 .Including plural reaction stages
422/189 ..And means providing discrete sequential
reaction stages; e.g., train, etc.
422/193 ...Reaction stages located within single
reaction chamber
422/194And means downstream of a stage for
internally injecting a reactant into a
reaction stream for interreaction in a
subsequent stage, or injecting an internal
quench stream into reaction stream passing
between stages
- 2 422/196 (0 OR, 2 XR)
Class 422: CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/129 CHEMICAL REACTOR
422/188 .Including plural reaction stages
422/196 ..Including plural parallel reaction stages
with each stage in form of a reaction tube

- 2 422/198 (0 OR, 2 XR)
Class 422: CHEMICAL APPARATUS AND PROCESS DISINFECTING,

- 09816694_CLSTITLES.txt
DEODORIZING, PRESERVING, OR STERILIZING
CHEMICAL REACTOR
422/129 .Including heat exchanger for reaction
422/198 chamber or reactants located therein
- 2 422/200 (0 OR, 2 XR)
Class 422: CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/129 CHEMICAL REACTOR
422/198 .Including heat exchanger for reaction
chamber or reactants located therein
422/200 ..Indirect heat-exchange tube within reaction
chamber with a nonreactant heat-exchange
fluid passing therethrough
- 2 423/351 (1 OR, 1 XR)
Class 423: CHEMISTRY OF INORGANIC COMPOUNDS
423/351 NITROGEN OR COMPOUND THEREOF (EXCEPT AMMONIUM
SALT OF NON-NITROGEN ACID)
- 2 423/655 (0 OR, 2 XR)
Class 423: CHEMISTRY OF INORGANIC COMPOUNDS
423/644 HYDROGEN OR COMPOUND THEREOF
423/648.1 .Elemental hydrogen
423/655 ..By reacting water with carbon monoxide
- 2 429/19 (0 OR, 2 XR)
Class 429: CHEMISTRY: ELECTRICAL CURRENT PRODUCING
APPARATUS, PRODUCT, AND PROCESS
429/12 FUEL CELL, SUBCOMBINATION THEREOF OR METHODS
OF OPERATING
429/19 .Having means for active material generation
or regeneration
- 2 429/24 (0 OR, 2 XR)
Class 429: CHEMISTRY: ELECTRICAL CURRENT PRODUCING
APPARATUS, PRODUCT, AND PROCESS
429/12 FUEL CELL, SUBCOMBINATION THEREOF OR METHODS
OF OPERATING
429/22 .Automatic control means
429/24 ..Temperature dependent

- 2 429/34 (0 OR, 2 XR)
 Class 429: CHEMISTRY: ELECTRICAL CURRENT PRODUCING
 APPARATUS, PRODUCT, AND PROCESS
 429/12 FUEL CELL, SUBCOMBINATION THEREOF OR METHODS
 OF OPERATING
 429/34 .Housing member, seal, spacer or fluid
 distributing or directing means
- 2 431/10 (1 OR, 1 XR)
 Class 431: COMBUSTION
 431/2 PROCESS OF COMBUSTION OR BURNER OPERATION
 431/8 .Flame shaping, or distributing components
 in combustion zone
 431/10 ..Oxidizer added to region of incomplete
 combustion
- 2 518/702 (1 OR, 1 XR)
 Class 518: CHEMISTRY: FISCHER-TROPSCH PROCESSES; OR
 PURIFICATION OR RECOVERY OF PRODUCTS THEREOF
 518/702 WITH PRELIMINARY REACTION TO FORM HYDROGEN
 OR A CARBON OXIDE
- 2 518/713 (0 OR, 2 XR)
 Class 518: CHEMISTRY: FISCHER-TROPSCH PROCESSES; OR
 PURIFICATION OR RECOVERY OF PRODUCTS THEREOF
 518/713 GROUP IB METAL CONTAINING CATALYST UTILIZED
 FOR THE FISCHER-TROPSCH REACTION
 (i.e., Cu, Ag, or Au)
- 2 518/714 (0 OR, 2 XR)
 Class 518: CHEMISTRY: FISCHER-TROPSCH PROCESSES; OR
 PURIFICATION OR RECOVERY OF PRODUCTS THEREOF
 518/714 GROUP VIB METAL CONTAINING CATALYST UTILIZED
 FOR THE FISCHER-TROPSCH REACTION
 (i.e., Cr, Mo, or W)